

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	"6078680".pn.	US-PGPUB; USPAT	OR	ON	2007/09/13 13:08
L4	33	("3069654"   "3986007"   "4146924"   "4581762"   "4618989"   "4707647"   "4845765"   "4893346"   "4972359"   "5033099"   "5040231"   "5093867"   "5245674"   "5272657"   "5343390"   "5351310"   "5459636"   "5471541"   "5495537"   "5515453"   "5555320"   "5602938"   "5650828"   "5694482"   "5703960"   "5708731"   "5768421"   "5796868"   "5815198"   "5859923"   "5890808"   "6026186").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:34
L5	4	("6658145").URPN.	USPAT	OR	ON	2007/09/13 12:53
L6	2440	(edge or contour or boundary) same (dipole)	US-PGPUB; USPAT	OR	ON	2007/09/13 13:09
L10	55	l6 and coefficient and ((intensity or level) near2 pixel)	US-PGPUB; USPAT	OR	ON	2007/09/13 13:14
L13	191	(edge or boundary or contour) near2 dipole	US-PGPUB; USPAT	OR	ON	2007/09/13 13:16
L14	60	l13 and image	US-PGPUB; USPAT	OR	ON	2007/09/13 13:16
S1	1	"20060120580".pn.	US-PGPUB; USPAT	OR	ON	2007/09/13 11:53
S2	47	382/128,181,199,266.ccls. and dipole	US-PGPUB; USPAT	OR	ON	2007/09/13 12:29


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[F Zhao](#)

[R Robb](#)

[C deSilva](#)

[M Sirouspour](#)

[P Abolmaesumi](#)

Use of the Laplacian of Gaussian operator in prostate ultrasound image processing

F Zhao, CJS deSilva - Engineering in Medicine and Biology Society, 1998. ... - [ieeexplore.ieee.org](#)

... Fangwei Zhao is supported ... used to identify objects of interest for feature extraction, segmentation and ... we present a method for extracting the contour of the ...

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Segmentation of prostate contours from ultrasound images - all 7 versions »

R Abolmaesumi, MR Sirouspour - Acoustics, Speech, and Signal Processing, 2004. Proceedings. ..., 2004 - [ieeexplore.ieee.org](#)

... 1211-1219, 2000. [4] F. Zhao and CJS deSilva, "Contour extraction in prostate ultrasound images using the wavelet transform and snakes," Proc. Intl. ...

Cited by 4 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

... model probabilistic data association filter for cavity boundary extraction from ultrasound images - all 8 versions »

P Abolmaesumi, MR Sirouspour - Medical Imaging, IEEE Transactions on, 2004 - [ieeexplore.ieee.org](#)

... to be successful in segmenting 3-D ultrasound prostate images. ... intervention to outline

the prostate in several ... In [19], a contour extraction approach that uses ...

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Contour extraction in prostate ultrasound images using the wavelet transform and snakes - all 3 versions »

F Zhao, CJS deSilva - Engineering in Medicine and Biology Society, 2001. ..., 2001 - [ieeexplore.ieee.org](#)

... 0-7803-7211-5/01/\$1 7.00 © 2001 IEEE 2641 CONTOUR EXTRACTION IN PROSTATE ULTRASOUND

IMAGES USING THE WAVELET TRANSFORM AND SNAKES Fangwei Zhao and Christopher ...

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[CITATION] CJS deSilva, "Contour extraction in prostate ultrasound images using the wavelet transform and snakes, ...

F Zhao - Proc. Intl. Conf. Eng. Med. Bio, 2001

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Contour Extraction in Prostate Ultrasound Images Using the Wavelet Transform and Snakes.-Conference ...

B Sellers, P Families, P Types, N Catalogs - [stinet.dtic.mil](#)


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[W Snyder](#)

[H Burkhardt](#)

**[Application of affine-invariant Fourier descriptors to recognition of 3-D objects - all 8 versions »](#)**

K Arbter, WE Snyder, H Burkhardt, G Hirzinger - IEEE Transactions on Pattern Analysis and Machine ..., 1990 - doi.ieeecomputersociety.org

... have summarized the work of Arbter [1] and ... motion is one very practical such application. ... expanded to higher dimensional affine-invariant curve descriptions. ...

Cited by 188 - [Related Articles](#) - [Web Search](#)

**[An experimental comparison of autoregressive and Fourier-based descriptors in 2 D shape ... - all 9 versions »](#)**

H Kauppinen, T Seppanen, M Pietikainen - IEEE Transactions on Pattern Analysis and Machine ..., 1995 - doi.ieeecs.org

... pp.153-164,1989., [10] K. Arbter, , WE Snyder, , H. Burkhardt, and G. Hirzinger, , "Application of affine-invariant Fourier descriptors to recognition of 3D ...

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**[Application of affine-invariant Fourier descriptors to lipreading for audio-visual speech recognition - all 5 versions »](#)**

S Gurbuz, Z Tufekci, E Patterson, JN Gowdy - Acoustics, Speech, and Signal Processing, 2001. Proceedings. ..., 2001 - ieeexplore.ieee.org

... Application of the AI-FDs for feature extraction is a ... by the work of Arbter et al ... detection algorithm extracts affine-invariant Fourier descriptors and affine ...

Cited by 17 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**[Invariant matching and identification of curves using B-splines curve representation - all 3 versions »](#)**

FS Cohen, Z Huang, Z Yang - Image Processing, IEEE Transactions on, 1995 - ieeexplore.ieee.org

... Section VII introduces the two applications we have ... on B-spline curvature, Fourier descriptors, discrete moments ... AFFINE INVARIANT CURVE MODELS A. Uniform Cubic B ...

Cited by 81 - [Related Articles](#) - [Web Search](#)

**[The method of normalization to determine invariants - all 6 versions »](#)**

I Rothe, H Susse, K Voss, J Systemhaus - Pattern Analysis and Machine Intelligence, IEEE Transactions ..., 1996 - ieeexplore.ieee.org

... affine transformations 'that, unlike the affine normalized ... Invariants are quantities which do not change under a ... worth noting that the application range of ...

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**[Wavelet descriptors for multiresolution recognition of handprinted characters - all 3 versions »](#)**

P Wunsch, AF Laine - Pattern Recognition, 1995 - medimage.bme.columbia.edu

... an important subproblem of optical character recognition (OCR) with applications such as ... In our study, we used a special case of Arbter's Z-invariants[12] As ...

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**A deformable wavelet descriptor** and its application to curve extraction from noisy images - all 2 versions »

CK **Chuang**, CCJ Kuo - Signals, Systems and Computers, 1993. 1993 Conference Record ..., 1993 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

Page 1 1058-6393/93 \$03.00 E 1993 IEEE 11 A **Deformable Wavelet Descriptor** and Its Application to Curve Extraction from Noisy Images Chun-ksiung **Chuang** and CC ...

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[BOOK] [Wavelets: A Primer - all 3 versions »](#)

C Blatter - 1998 - books.google.com

... Library of Congress Cataloging-in-Publication Data Blatter, Christian, 1935- [Wavelets. English] Wavelets : a primer / Christian Blatter. p. cm. ...

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E Aboufadel, M Boelkins, S Schlicker - AMERICAN MATHEMATICAL MONTHLY, 1999 - MATHEMATICAL ASSOCIATION OF AMERICA

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[Untitled]

E Aboufadel, M Boelkins, S Schlicker - The American Mathematical Monthly, 1999 - JSTOR ... REVIEWS Edited by Harold P. Boas Mathematics Department, Texas A & M University, College Station, TX 77843-3368 Wavelets: A Primer. By Christian Blatter. ...

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[BOOK] [The Steiner Tree Problem: a tour through graphs, algorithms, and complexity](#)

HJ Prömel - 2002 - books.google.com

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[DOC] [DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING National Institute of Technology Calicut ...](#)

R Process - nitc.ac.in

... inAdvanced Mathematics, 2002. 2. Christian Blatter, "Wavelets: A primer" AK Peters, Massachusetts, 1998. 3. M. Holschneider, "Wavelets ...

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[BOOK] [Ruled Varieties: an introduction to algebraic differential geometry - all 2 versions »](#)

G Fischer - 2001 - books.google.com

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